BRUHAT BANGALORE MAHANAGARA PALLIKE , YELAHANKA ZONE BANGALORE

PWD FORM-45 (WORK SLIP)

Name of Work: Construction of Anganawadi building at Srirampura in Ward No. 05 Byatarayanapura Sub Division

Name of Agency :Sri. Mohan kumar B (M/S Mohan Construction)

Estimated Cost: 10.00 Lakhs

Work order No.BBMP/EE/BTP/ 11 /2019-20, Date. 28.11.2019

Sl No	Description	Unit	As per Sanctioned Estimate			As per Approved Qnatity			As per Actual Tender Rate And Quantity			Up to 125% Tender Quntity			Above 125% Tender Quntity			As per Actual Total Amount	Exess	Savenings	Remaks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount				
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2016-17	Cum	11.64	169.56	**1973.68**	11.64	149.89	**1744.72**	12.00	149.89	**1798.68**	0.00	149.89	**0.00**	0.00	149.89	0.00	**1798.68**	53.96	**0.00**	
2	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2016-17	Cum	47.54	204.12	**9703.86**	47.54	180.44	**8578.12**	80.86	180.44	**14590.38**	59.43	180.44	**10723.55**	21.43	180.44	3866.83	**14590.38**	6012.26	**0.00**	
3	KSRB 2.8 : Providing and filling in foundation with granite/trap broken metal 100mm, and down size, with approved sand including had packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications. Specification. No. KBS, No. 6/ Item No. 2.15/ PWD SR 2016-17	Cum	5.68	2283.12	**12968.12**	5.68	2018.28	**11463.83**	10.84	2018.28	**21878.16**	7.10	2018.28	**14329.79**	3.74	2018.28	7548.37	**21878.16**	10414.32	**0.00**	
4	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2016-17	cum	8.91	5256.36	**46834.17**	8.91	4646.62	**41401.38**	12.86	4646.62	**59755.53**	11.14	4646.62	**51763.35**	1.72	4646.62	7992.19	**59755.53**	18354.15	**0.00**	
5	KSRB 5.3-1 Providing and constructing granite / trap / basalt size stone masonry in basement with mud mortar, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 23/ Item No. 5.9/ PWD SR 2016-17	Cum	9.37	5405.40	**50648.60**	9.37	4778.37	**44773.33**	12.07	4778.37	**57674.93**	11.71	4778.37	**55954.71**	0.36	4778.37	1720.21	**57674.93**	12901.60	**0.00**	

	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, No. 6/ Item No. 2.10/ PWD SR 2016-17	Cum	24.25	137.16	3326.13	24.25	121.25	2940.31	52.19	121.25	6328.04	30.21	121.25	3662.96	21.98	121.25	2665.08	6328.04	3387.73	0.00	
7	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2016-17	Cum	20.53	6491.88	133278.30	20.53	5738.82	117817.97	40.73	5738.82	233742.14	25.66	5738.82	147258.12	15.07	5738.82	86484.02	233742.14	115924.16	0.00	
8	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46/ PWD SR 2016-17	Qntl	1.96	65455.56	128292.90	1.96	57862.72	113410.93	4.06	57862.72	234922.64	2.45	57862.72	141763.66	1.61	57862.72	93158.98	234922.64	121511.71	0.00	
9	KSRB 6-2.3 Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2, Page No. 27/ Item No. 6.6/ PWD SR 2016-17	Cum	14.17	7219.80	102304.57	14.17	6382.30	90437.19	3.20	6382.30	20423.36	0.00	6382.30	0.00	0.00	6382.30	0.00	20423.36	0.00	70013.83	
10	KSRB 9-18.1: Providing and fixing in position Honne wood fully panelled shutters for windows with styles and rails of 25mm. thick, 75mm wide in two halves with panels of 20mm thick including cost of materials, labour charges, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No.9.34. Page No. 55/ Item No. 9.52/ PWD SR 2016-17	Sqm	11.30	4233.60	47839.68	11.30	3742.50	42290.25	0.00	3742.50	0.00	0.00	3742.50	0.00	0.00	3742.50	0.00	0.00	0.00	42290.25	

11	ID PVC DOOR FRAMEProviding & fixing ctory made PVC Door frame of size 50x47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2No.s of 150mm long b kets of 15x15 mm M.S. Square tube of 19 S e. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufactures specification & direction of Engineer-in charge Page No. 57/ Item No. 9.84/ PWD SR 2016-17	Sqm	3.15	568.08	**1789.45**	3.15	502.18	**1581.87**	0.00	502.18	**0.00**	0.00	502.18	**0.00**	0.00	502.18	0.00	**0.00**	0.00	**1581.87**	
12	SOLID PANEL PRELAM PVC DOOR SHUTTERProviding & fixing 30mm thick factory made rigid foam prelam panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for styles and 15x15mm for top & bottom rails, covered with heat moulded prelaminated PVC 'C' Channel of 5mm thick sheet & 30x50mm wide of form styles & 5mm thick & 75mm wide prelaminated PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, sealed to the styles &rails with PVC designer beading on either side & joined together with solvent cement adhesive etc., complete as per manufactures specification & direction of Engineer –in-charge fixed to frames with 3nos of 75mm. Aluminium hinges. With Both Side Prelam Page No. 58/ Item No. 9.85/ PWD SR 2016-17		3.15	4368.60	**13761.09**	3.15	3861.84	**12164.80**	0.00	3861.84	**0.00**	0.00	3861.84	**0.00**	0.00	3861.84	0.00	**0.00**	0.00	**12164.80**	
13	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Page No. 110/ Item No. 15.21 PWD SR 2016-17	Sqm	29.66	208.44	**6182.33**	29.66	184.26	**5465.15**	0.00	184.26	**0.00**	0.00	184.26	**0.00**	0.00	184.26	0.00	**0.00**	0.00	**5465.15**	
14	KSRB 15-3.7:- Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 109/ Item No. 15.15/ PWD SR 2016-17	Sqm	79.43	263.52	**20931.39**	79.43	232.95	**18503.22**	0.00	232.95	**0.00**	0.00	232.95	**0.00**	0.00	232.95	0.00	**0.00**	0.00	**18503.22**	
15	KSRB 15.3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 110/ Item No. 15.18 / PWD SR 2016-17	**Sqm**	12.96	238.68	**3093.29**	12.96	210.99	**2734.43**	0.00	210.99	**0.00**	0.00	210.99	**0.00**	0.00	210.99	0.00	**0.00**	0.00	**2734.43**	
16	KSRB 15.4.1 : Extra for providing and mixing water proofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufactures, for cement mortar 1:3, 12mm thick cost of materials complete as per specifications. Page No. 110/ Item No. 15.23/ PWD SR 2016-17	**Sqm**	12.96	7.56	**97.98**	12.96	6.68	**86.57**	0.00	6.68	**0.00**	0.00	6.68	**0.00**	0.00	6.68	0.00	**0.00**	0.00	**86.57**	

	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 15/ Item No. 4.29.2/ PWD SR 2016-17	Sqm	56.55	594.00	33590.70	56.55	525.10	29694.41	131.99	525.10	69307.95	70.69	525.10	37119.32	61.30	525.10	32188.63	69307.95	39613.54	0.00	
18	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.37/ PWD SR 2016-17	Sqm	56.55	291.60	16489.98	56.55	257.77	14576.89	18.39	257.77	4740.39	0.00	257.77	0.00	0.00	257.77	0.00	4740.39	0.00	9836.50	
19	KSRB 15.7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. Page No. 110/ Item No. 15.17/ PWD SR 2016-17	Sqm	109.09	213.84	23327.81	109.09	189.03	20621.28	0.00	189.03	0.00	0.00	189.03	0.00	0.00	189.03	0.00	0.00	0.00	20621.28	
20	KSRB 15-3.7:- Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 109/ Item No. 15.15/ PWD SR 2016-17	Sqm	155.72	263.52	41035.33	155.72	232.95	36274.97	0.00	232.95	0.00	0.00	232.95	0.00	0.00	232.95	0.00	0.00	0.00	36274.97	
21	KSRB 15.15.3: Providing and applying painting in one coat with plastic emulsion paint of approved brand and manufacture on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. Page No.114/ Item No. 15.52 / PWD SR 2016-17	Sqm	109.09	48.60	5301.77	109.09	42.96	4686.51	0.00	42.96	0.00	0.00	42.96	0.00	0.00	42.96	0.00	0.00	0.00	4686.51	
22	Providing and fixing Ceramic tiles of size 400x400mm for flooring, threads,steps and landing,laid on a bed of 20mm thick cement morta. 1:3 mix flush pointing with white cement mixed with matching colour pigment including curing, clearing etc. complete .The Worked including curing., clearing etc., complete, The work includes cost of all materials. Labour charges for all items or work, hire charges for equipment, etc., complete as per specification. Page No. 116/ Item No. 14.63 / PWD SR 2016-17		1.50	1161.00	1741.50	1.50	1026.32	1539.48	0.00	1026.32	0.00	0.00	1026.32	0.00	0.00	1026.32	0.00	0.00	0.00	1539.48	
23	KSRB 14.17.2: Providing skirting, dado, rises of steps with Colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface white should be measured and paid separately) using glazed tiles of approved make and size of materials, labour, complete as per specifications. Specification No. KBS 14.17. Page No. 103/ Item No. 14.41.1 / PWD SR 2016-17	Sqm	8.93	1157.76	10338.80	8.93	1023.46	9139.50	0.00	1023.46	0.00	0.00	1023.46	0.00	0.00	1023.46	0.00	0.00	0.00	9139.50	

24	KSRB 15-16 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar dropp and other foreign matter cost of materials, labour, complete as per specifications. Page No. 114/ Item No. 15.53.2 / PWD SR 2016-17	Sqm	155.72	90.72	**14126.92**	155.72	80.20	**12488.74**	0.00	80.20	**0.00**	0.00	80.20	**0.00**	0.00	80.20	0.00	**0.00**	0.00	**12488.74**	
25	Providing and fixing Special make glazed Vitrified tiles (Granomite finis) of approved make, quality and colour of sized 6000x600x10mm thick fixed on existing flooring wit ha special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete. Page No. 104/ Item No. 14.43 / PWD SR 2016-17	Sqm	29.66	1285.20	**38119.03**	29.66	1136.12	**33697.32**	0.00	1136.12	**0.00**	0.00	1136.12	**0.00**	0.00	1136.12	0.00	**0.00**	0.00	**33697.32**	
26	KSRB 15.17.8 : Extra over item No. 15-17.6 for applying every subsequent coat of enamel paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. **Page No.113/ Item No. 15.60.2 / PWD SR 20114-15**	Cum	10.80	51.84	**559.87**	10.80	45.83	**494.96**	0.00	45.83	**0.00**	0.00	45.83	**0.00**	0.00	45.83	0.00	**0.00**	0.00	**494.96**	
27	90mm pipe outer dia(3 layer) Page No. 95 /Item No. 13.95.8 PWD SR 2016-17	m	20.00	1371.60	**27432.00**	20.00	1212.49	**24249.80**	0.00	1212.49	**0.00**	0.00	1212.49	**0.00**	0.00	1212.49	0.00	**0.00**	0.00	**24249.80**	
28	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing, this including jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases & making good the same including testing of joints complete.(concealed work including cutting chases and good the walls etc,),15mm nominal OD pipes Page No. 92/ Item No. 13.83.1/ PWD SR 2016-17	m	50.00	270.00	**13500.00**	50.00	238.68	**11934.00**	0.00	238.68	**0.00**	0.00	238.68	**0.00**	0.00	238.68	0.00	**0.00**	0.00	**11934.00**	
29	Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to ISI / ISO / SSI specifications, No. 252/ Item No. 37.58 PWD SR 2016-17		1000.00	6.48	**6480.00**	1000.00	5.73	**5730.00**	0.00	5.73	**0.00**	0.00	5.73	**0.00**	0.00	5.73	0.00	**0.00**	0.00	**5730.00**	
30	KSRB 13-6.1.2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification NO. KBS 13.2.2 / 13.3, Page No. 88/ Item No. 13.24 / PWD SR 2016-17	Each	6.00	262.44	**1574.64**	6.00	232.00	**1392.00**	0.00	232.00	**0.00**	0.00	232.00	**0.00**	0.00	232.00	0.00	**0.00**	0.00	**1392.00**	
31	Orissa Pattern of size 575x425mm with integral type footrests	Each	1.00	1026.00	**1026.00**	1.00	906.98	**906.98**	0.00	906.98	**0.00**	0.00	906.98	**0.00**	0.00	906.98	0.00	**0.00**	0.00	**906.98**	

32	viding and fixing M.S Gate as per Cheaf rchitect Drawing using 50mmX50mm 14 guage M.S hollow pipe frame work bent to ornamental shape as shape as shown in the drawing and 35mmX6mm and 16X16mm squre ro for verticals alternatively spaced at 4cms c . two halves and 40mmX6mm M.S flats for horizontal member and at at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of of rust and painted with anti corrosive paint (shop paint) etc., complete the work includes cost of all materials, labour charges for all item of work, hire charges of welding, cutting and grainding equipment, and electricity charges, with lead and lift loading and lunloading charges. etc., complete as per specification and drawing Page No.47/ I No. 7.37/ PWD SR 2016-17	Sqm	5.78	3168.72	**18315.20**	5.78	2801.15	**16190.65**	0.00	2801.15	**0.00**	0.00	2801.15	**0.00**	0.00	2801.15	0.00	**0.00**	0.00	**16190.65**	
	Extra Items										**0.00**										
1	Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50 m and removing the debris to a distance upto 200m, No. 270/ Item No. 37.48 PWD SR 2018-19	Cum	0.00	0.00	**0.00**	0.00	0.00	**0.00**	12.31	292.68	**3602.89**	0.00	0.00	**0.00**	0.00	0.00	0.00	**3602.89**	3602.89	**0.00**	
2	Dismantling burnt brick masonry in clay mortar / lime mortar / cement mortar and stacking the bricks within a radius of 50 m and removing the debris to a distance upto 200m, No. 270/ Item No. 37.47 PWD SR 2018-19	Cum	0.00	0.00	**0.00**	0.00	0.00	**0.00**	16.42	266.76	**4380.20**	0.00	0.00	**0.00**	0.00	0.00	0.00	**4380.20**	4380.20	**0.00**	
3	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications.No. 139/ Item No. 18.17 PWD SR 2018-19	cum	0.00	0.00	**0.00**	0.00	0.00	**0.00**	9.45	490.32	**4633.52**	0.00	0.00	**0.00**	0.00	0.00	0.00	**4633.52**	4633.52	**0.00**	
	Total				**835985.09**			**739011.57**			**737778.81**			**462575.46**			**235624.30**	**737778.81**	**340790.05**	**342022.82**	

1232.76

$$\frac{\text{Excess Amount}}{\text{Approved Tender Amount (Excluding GST Charges}} \times 100 \quad \frac{340790.05}{739011.57} \times 100 \quad \mathbf{46.11}$$

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanapura Sub Division
BBMP Bangalore

Executive Engineer
Byatarayanapura Division
BBMP Bangalore-92